HEARING RESEARCH

Vol. 115, Nos. 1–2
January 1998

CONTENTS

Cited in: Biological Abstracts (BIOSIS); Chemical Abstracts; Current Contents/Life Sciences; Current Awareness in Biological Sciences (CABS); Excerpta Medica (EMBASE); Index Medicus; INSPEC; PASCAL M; Reference Update

Research Papers

B.J. Conlon and D.W. Smith (USA)
Supplemental iron exacerbates aminoglycoside ototoxicity in vivo 1

B.T. Faddis, R.M. Hughes and J.D. Miller (USA)
Quantitative measures reflect degeneration, but not regeneration, in the *deafness* mouse organ of Corti 6

K. Barsz, P.K. Benson and J.P. Walton (USA)
Gap encoding by inferior collicular neurons is altered by minimal changes in signal envelope 13

M. Bangert, K. Kalmring, T. Sickmann, R. Stephen, M. Jatho and R. Lakes-Harlan (Germany)
Stimulus transmission in the auditory receptor organs of the foreleg of bushcrickets (Tettigoniidae) I. The role of the tympana 27

H. Pratt, Y. Shi and A. Polyakov (Israel)
Contralaterally evoked transient otoacoustic emissions 39

P.L. Edds-Walton (USA)
Projections of primary afferents from regions of the saccule in toadfish (*Opsanus tau*) 45

R.D. Frisina, J.P. Walton, M.A. Lynch-Armour and J.D. Byrd (USA)
Inputs to a physiologically characterized region of the inferior colliculus of the young adult CBA mouse 61

D.C. Marcus, H. Sunose, J. Liu, T. Bennett, Z. Shen, M.A. Scofield and A.F. Ryan (USA)
Protein kinase C mediates P_{2U} purinergic receptor inhibition of K^+ channel in apical membrane of strial marginal cells 82

M.J. Mulroy, W.R. Henry and P.L. McNeil (USA)
Noise-induced transient microlesions in the cell membranes of auditory hair cells 93

S. Heid, R. Hartmann and R. Klinke (Germany)
A model for prelingual deafness, the congenitally deaf white cat – population statistics and degenerative changes 101

P. Wangemann and D.D. Gruber (USA)
The isolated in vitro perfused spiral modiolar artery: pressure dependence of vasoconstriction 113

G.M. Watson, P. Mire and R.R. Hudson (USA)
Repair of hair bundles in sea anemones by secreted proteins 119

K.G. Hill (Australia)
Basilar membrane motion in relation to two-tone suppression 129

S. Dazert, A. Baird and A.F. Ryan (USA)
Receptor-targeted delivery of an intracellular toxin to outer hair cells by fibroblast growth factor 143

K. Lamm and W. Arnold (Germany)
The effect of prednisolone and non-steroidal anti-inflammatory agents on the normal and noise-damaged guinea pig inner ear 149

J.F. Willott, J.G. Turner, S. Carlson, D. Ding, L. Seegers Bross and W.A. Falls (USA)
The BALB/c mouse as an animal model for progressive sensorineural hearing loss 162

D.E. Coling, S. Bartolami, D. Rhee and T. Neelands (USA, France)
Inhibition of calcium-dependent motility of cochlear outer hair cells by the protein kinase inhibitor, ML-9 175

Contents continued on inside back cover

0378-5955(199801)115:1/2;1-M

(Contents continued from back cover)

M.G. van Emst, C. Giguère and G.F. Smoorenburg (The Netherlands)
The generation of DC potentials in a computational model of the organ of Corti: effects of voltage-dependent K^+ channels in the basolateral membrane of the inner hair cell 184

J. Smurzynski and R. Probst (Switzerland)
The influence of disappearing and reappearing spontaneous otoacoustic emissions on one subject's threshold microstructure 197

J. Lewald (Germany)
The effect of gaze eccentricity on perceived sound direction and its relation to visual localization 206

M. Sone, P.A. Schachern and M.M. Paparella (Japan, USA)
Loss of spiral ganglion cells as primary manifestation of aminoglycoside ototoxicity 217

Calendar of Events 224

Instructions to Authors 226

Author Index Volume 115 229

Subject Index Volume 115 231